

Educational Trunks

BURR OAK WOODS IS PLEASED TO OFFER A VARIETY OF EDUCATIONAL TRUNKS TO EDUCATORS AND STUDENTS. THESE TRUNKS CONTAIN A HOST OF CURRICULUM, PROGRAM SUPPLIES, AND NATURAL ARTIFACTS FOR YOU TO SHARE WITH YOUR STUDENTS. TO RESERVE A TRUNK, PLEASE CONTACT LAUREN AT 816-228-3766. TRUNKS MAY BE CHECKED OUT FOR NO MORE THAN TWO WEEKS AND YOU ARE RESPONSIBLE FOR PICK UP AND RETURN OF YOUR TRUNK. PLEASE BE SURE TO CALL WELL IN ADVANCE OF YOUR DESIRED TIME AS THERE IS USUALLY A GREAT DEAL OF DEMAND FOR THESE TRUNKS

Available Trunks:

Lewis and Clark Expedition (primary and intermediate): This trunk is designed with equipment and supplies that will help you give your students the experience of being an active member of the Lewis and Clark Expedition

Wonders of Wetlands: WOW is designed to help us understand the incredible diversity and importance of wetland ecosystems through interactive activities.

Project Learning Tree: With PLT, your students will discover how a tree functions, what you can tell about the environment, both past and present by examining tree rings, how trees can filter pollutants from our waterways, and so much more. There are many ideas for thoughtful activities as well as activities to add some punch to your tree program.

Who Goes There: They are there, but we don't always see the animals that call forests and prairies home. This trunk will help you teach your students about tell-tale signs of animal activity. The trunk is chock-full of natural artifacts as well as a lesson plan.

Missouri Department of Conservation

Burr Oak Woods Conservation Nature Center



Serving nature and you™



Interpretive Program Guide for Teachers and Group Leaders 2006-2007



Our mission is to bring people and nature together, and conserve it too!



Interpretive Program Guide
Burr Oak Woods Conservation Nature Center
Missouri Department of Conservation
1401 NW Park Road
Blue Springs, MO 64015

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PERMIT 274

General Information

Burr Oak Woods Conservation Nature Center invites educators and their students to participate in our engaging, hands-on programs.

Our programs are designed to provide students the opportunity to learn about the natural world and the importance of enjoying and conserving our fish, forest and wildlife resources.

Make plans to visit Burr Oak Woods soon. We guarantee our quality and your satisfaction!

**Burr Oak Woods CNC
1401 NW Park Road
Blue Springs
MO 64015
Phone: 816-228-3766
Fax: 816-655-6267
www.burroakwoods.org**

AT BURR OAK WOODS CONSERVATION NATURE CENTER, YOU WILL FIND A VARIETY OF PROGRAMS FOR CHILDREN FROM PRE-SCHOOL THROUGH HIGH SCHOOL, ALL INCORPORATING HANDS-ON LEARNING OPPORTUNITIES IN THE OUTDOORS. WE HAVE DESIGNED PROGRAMS THAT WILL ENHANCE SCIENCE-BASED SUBJECTS TAUGHT AT THE VARIOUS GRADE LEVELS; OUR PROGRAMS TO MISSOURI GRADE LEVEL EXPECTATIONS. WE HOPE YOU WILL CONSIDER BRINGING YOUR STUDENTS TO BURR OAK WOODS -- WE GUARANTEE THAT YOUR STUDENTS WILL BE ENGAGED, LEARN, AND HAVE FUN AT THE SAME TIME.

Scheduling Guidelines

Select a program. If you need help in deciding which program you want, we are happy to assist.

Register for a program.

Call 816-228-3766 at least three weeks prior to the desired date. Please be prepared with:

- title of program
- date and time (Tuesday through Friday, 8 a.m. to 3 p.m.)
- teacher's name(s), school, address and phone number
- number and grade of students
- any special needs for one or more of your students

Program Confirmation, pre and post trip curriculum will be sent two weeks prior to your visit.

Arriving on time is very important. Plan to arrive 10 minutes prior to your program start time. If late, we cannot extend the program time due to the program schedule.

Cancellation of a program by BOW may happen in extreme weather. If you must cancel, please call 816-228-3766 at least 24 hours prior to your scheduled visit.

Dressing for the outdoors is very important. Please remind your children (and chaperones) they need to dress appropriately for the weather as our programs have an outdoor component. We suggest a note home prior to the field trip as a reminder.

Student name tags are encouraged.

Chaperone/child ratios are one adult per 10 children.

Maximum Program group size is 60 students for grades K-5, 30 for pre-K. We realize that you may need to bring more students, which is fine. However, to insure program quality, it may be necessary for you to schedule back-to-back programs. Thus while half your children are in the program, the others may walk a trail with teachers and chaperones.

Discipline of students is the responsibility of teachers and chaperones. We reserve the right to ask students to leave if they are disruptive or disrespectful to staff and volunteers.

Grade Limits on programs are flexible to some extent. Please inquire at the time of registration.

A Few Rules

Collecting The collecting of living and non-living natural objects is not allowed, unless it is a part of our staff- and volunteer-led scheduled program.

Smoking Smoking is not allowed in the nature center. We ask that no one smoke during the outdoor portion of our program, as well.

Live Animals We will never force a child to touch a live animal, likewise we do not present wildlife that are dangerous.

Special Note When students are exploring the nature center, we ask that you please keep your students from banging on the aquaria housing our amphibians and reptiles.

Cell Phones Please turn off all cell phones during programs. Cell phone use during programs is disruptive to the students and staff.

When You Arrive

The Nature Center

Burr Oak Woods Conservation Nature Center is owned by the Missouri Department of Conservation. Nestled in the heart of this 1,071-acre state forest are five hiking trails, including two paved trails, which provide easy access to most parts of the area. The 15,000 square-foot interpretive center has educational and informative exhibits, including a 3,000-gallon freshwater aquarium, a new wildlife viewing room and a variety of live amphibians and reptiles.

Lunch Facilities

Burr Oak Woods has two pavilions to use for lunch. These are available on a first-come/first-serve basis. Please keep in mind that the two shelters do require a drive from the interpretive center. There is a dumpster at both locations for placing trash at the end of your picnic. Please bring trash bags or inquire at the front desk for trash bags to dispose your trash properly. There is also a picnic area with playground equipment at a city park just outside Burr Oak Woods' front gate. Burr Oak Woods and the City Parks have a **TRASH IN/TRASH OUT POLICY**.

The Nature Shop

The nature shop is open from 8:00 a.m. to 5:00 p.m. daily. If your group plans to stop at the nature shop, please do so at the end of your scheduled visit. Let your children know that there will be an opportunity to purchase items which range from \$1.00 to \$6.00 plus tax. All students must be with an adult while visiting. Plan time during your visit to avoid a last minute rush.

Raymore Elementary

"Content information related to our curriculum."

Program Evaluation

To help insure that our programs are taught at the highest level, we provide evaluation forms for every program. The evaluations give our Naturalists and Volunteer-Naturalists direct feedback not only about the program but also how they presented your program. The evaluations are pre-addressed with postage. Please take a few moments following your program and provide us with feedback about your experience.

Bucher Green Elementary

"...was wonderful with the kids! Excellent instructors. Developmentally RIGHT ON!"

Self-guided Visits

Self-guided groups are always welcome at the nature center. We do ask that you schedule your visit as you would any program within this brochure. Upon arrival, please check in at the front desk to verify your arrival along with the number of students and chaperones. When you check in, you will be given a trail map. As with any of our naturalist-led programs, we ask that you also bring enough chaperones to control the behavior of your students.

Adrian RIII

"It was the best field trip EVER."

Rain or Shine

IF THE WEATHER TURNS UNFAVORABLE TO GO OUTSIDE ON YOUR FIELD TRIP DAY, WE WILL STILL PROVIDE YOU A QUALITY PROGRAM!

Critters Close-up!

Time of Year: Year-round

Your students can meet several of our captive live reptiles and amphibians in this fun, eyeball-to-eyeball program. We'll include snakes, turtles, frogs and perhaps even a salamander!

Warsaw Elementary School

"Very well structured. Very Interesting. Wish we could do more of your programs."

Preschool

60 minutes

Kindergarten

60 minutes

1st-2nd graders

90 minutes

3rd-4th graders

90 minutes

Seasons of Change

Time of year: Year round

The natural world changes as it cycles through the seasons. Your students will discover the wonders of the present season through hands on activities and outdoor exploration in this fun, interactive program.

Naturally Sense-sational!

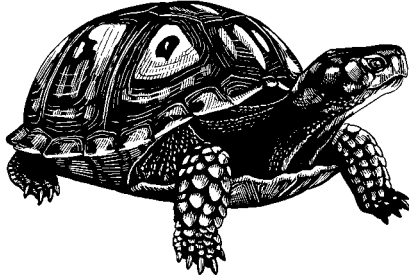
Time of Year: Year-round

Pack your sensing tools and head for Burr Oak Woods as we learn how see, smell, touch, taste, and feel like our animal friends. Unravel the senses mystery!

Walk this Way!

Time of Year: Year-round

Can you slither like a snake or buzz like a bee? Will you try these moves with me? Who hops and jumps?



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Who swims and flips? Come learn about these animals’ tricks! We’ll go outside and dive and flutter. Come back in and meet a critter!

Did You Say Butterfly?

Time of Year: Fall/Spring

Bears, tigers, and zebras can be found in our woods at Burr Oak Woods! They all start out as caterpillars and metamorphose into butterflies and moths. We will learn more about these beautiful creatures and what makes them unique, and then head outdoors in search of these fragile beauties. **Missouri GLEs Strand 3: 1.D.a,1.D.b**

Nature’s Hide and Seek

Time of Year*: Fall and Spring:

“Now you see me, now you don’t!” Learn about strategies animals use to hide from predators or seek out prey. Your observations skills will be tested as we play interactive games and hike down the secret trail. **Missouri GLEs Strand 3: 1.D.a**

Happenin’ Habitats!

Time of Year: Year-round; Kindergarten only, please

What’s YOUR habitat? What do you need to survive? Come learn about what all animals need in their habitat. We will explore our forest, prairie, and pond in search for food, water, shelter, and space. **Missouri GLEs Strand 3: 1.D.a**

“M” Files

Time of Year: Year-round

We have called in the Naturalists in black to unlock the clues to a special mystery. Your students will go outside to look for clues to solve the case. We will work together to uncover each clue surrounding this case using rap sheets, and eyewitness accounts to discover the identity of the “Mystery Mammal.” **Missouri GLEs Strand 3: 1.A.a**

What’s for Dinner?

Time of Year: Year-round

Nature can be dangerous at times! Whether you are a predator or prey, everything is at risk of becoming dinner. We all have to eat in order to survive. Students will learn how animals and plants obtain their food and how they are all connected into a food web through interactive activities. **Missouri GLEs Strand 3: 1.A.a**

Missouri’s Creepiest Resident

Time of Year: Year-round

Missouri is home to many kinds of wild animals, some of which people may find creepy! During this interactive program, in a game show format, students will learn the important roles these critters play in the natural world. Then we will head outdoors in search of Burr Oak Woods’ creepy residents. **Missouri GLEs Strand 3: 1.A.a**

Fantastic Plants

Time of Year*: Fall and Spring

Spring and fall each have their own unique personalities. Spring is the showiest time of year to view splendor of wildflowers and the riotous color of autumn transforms the forest. During this program we will explore the fantastic world of plants in season. **Missouri GLEs Strand 3: 1.A.b, 1.A.c, 1.D.a, 1.D.c**

***Time of Year**
Fall = September thru October
Winter = October thru March
Spring = April thru May

Amazing Adaptations

Time of Year: Year-round

That’s AMAZING! From webbed toes to gnawing teeth, animals have some amazing adaptations... and so do we! During this program, students will learn how unique adaptations help animals and plants survive in this world. **Missouri GLEs Strand 4: 3.C.b, 3.C.d**

Birds of a Feather

Time of Year*: Winter and Spring

Birds are the most common wild animal spotted on nature hikes and are fascinating to study. In this program, students will learn about the characteristics and adaptations of birds and learn to identify common birds on a Naturalist led bird hike. **Missouri GLEs Strand 4: 1.A.a, 3.C.b**

Water You Doing?

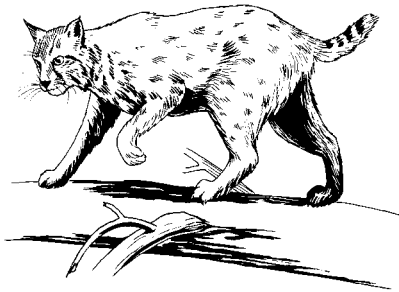
Time of Year: Fall/Spring

We explore intriguing mysteries just beneath the surface of the water. Wetlands provide habitat for fish, wildlife, and for you and me. Come discover who lives here, who eats who, how we fit in, and how the water puzzle fits together through hands on activities. **Missouri GLEs Strand 3: 1.A.b, 1.A.b, 1.A.c, 1.D.a, 1.D.c, Strand 4: 1.A.a, 2.A.a, 2.A.b, 2.A.c, 2.A.d**

What’s the Poop?

Time of Year: Fall/Spring

Today we are going to be talking about something some of you may think is kind of gross. Shhhhhh! I have to write it quietly... it’s called... poop! Biologists use the term scat instead of poop. Today, we are going to become biologist and we are going to study animal scat. What can you tell from scat we find in the wild? Actually, a great deal! Your students will be fascinated by the food web through the study of scat. There are mysteries hidden in nature awaiting our discovery. As “scatologists”, we will discover just who lives at Burr Oak Woods! **Missouri GLEs Strand 1.D.a, 1.A.a, 1.A.b, 1.A.c, 1.A.d**



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Programs at Your School

DURING THE MONTHS OF DECEMBER THROUGH MARCH WE WILL DO THE TRAVELING AS WE TAKE OUR SHOW ON THE ROAD! BELOW ARE PROGRAMS THAT WE CAN TEACH IN YOUR CLASSROOM FROM DECEMBER THROUGH MARCH. EACH PROGRAM IS DESIGNED FOR AN ENTIRE GRADE LEVEL AT YOUR SCHOOL WITH THE TOTAL VISIT LASTING NO MORE THAN TWO HOURS (INDIVIDUAL PROGRAM TIMES VARY WITH AGE OF THE CHILDREN). TO MAKE A RESERVATION, PLEASE CALL 816-228-3766. TO PARTICIPATE YOUR SCHOOL MUST BE IN MISSOURI AND WITHIN 45 MINUTES OF BURR OAK WOODS.

Nature’s Naming Game

We use classification in our everyday life to group objects together based on common characteristics. We classify clothing, books, and even food! Classification is also an important tool scientists use to examine the natural world. For example: long tail vs. short tail or smooth bark vs. rough bark. We will use interactive activities to demonstrate exactly what classification is. **Missouri GLEs Strand 3: 1.D.a**

Grades K-2nd

The Cycle Of Life

Here’s an opportunity for your students to learn about the relationships between those organisms that make up the natural world. We’ll check out that whole producer/consumer/decomposer deal as well as look at predator-prey relationships, food webs and the rest. We’ll even figure out where we fit into the picture. **Missouri GLEs Strand 4: 1.A.a, 1.D.a, 2.A.a, 2.A.b, 2.A.c, 2.A.d,1.D.a**

Grades 3rd-4th

Programs

5th and up
90 minutes

The Forest Keepers

Time of Year: Fall/Spring

The forest is a window into the natural world. This program will help your students become aware of the effect of their presence in the environment. Your students will learn how to identify native trees, monitor forest health, and discover just how trees work. Our research will tell an important story of forest health at Burr Oak Woods. Together, we can foster healthier forests both here at Burr Oak Woods and throughout the world for today and generations to come. Missouri GLEs

Strand 3: 1.E.a, b, e 2.C.a 1.A.a 2.B.a,c

Missouri Snakes

Time of Year: Year-round

We're going on a herp hunt! As Herpetologists, we will discover the fascinating world of snakes, and recognize the important role they play in our lives. We will compare myths and facts and test your snake knowledge, then meet a live specimen. Missouri GLEs Strand 3: 1.E d Strand 3.C a,b

*Time of Year

Fall = September thru October

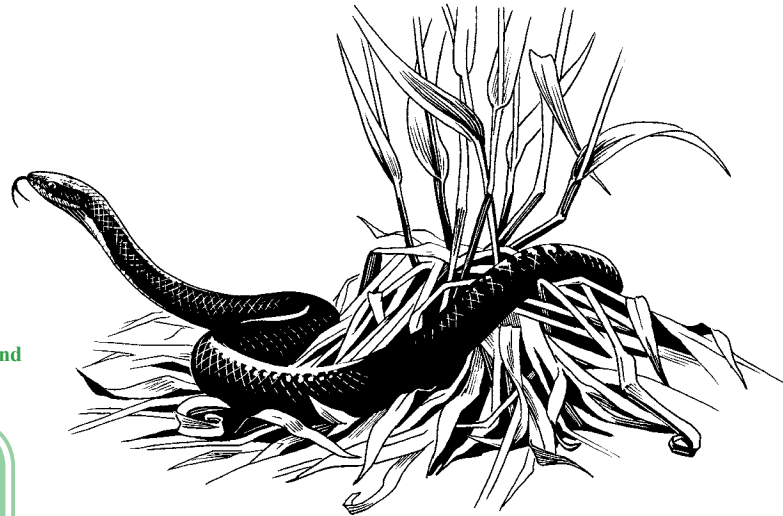
Winter = October thru March

Spring = April thru May

You Be the Judge

Time of Year: Year-round

During this interactive program, your students will have the opportunity to examine a controversial environmental issue as they play a role in a town council meeting. They must come to a consensus on a course of action. How will they effectively balance human want and need with the need for conservation of our natural resources. Why are these resources important? Missouri GLEs Strand 4: 1.B.a, b, c, 1.D.a,b,c



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Programs at Your School

DURING THE MONTHS OF DECEMBER THROUGH MARCH WE WILL DO THE TRAVELING AS WE TAKE OUR SHOW ON THE ROAD! BELOW ARE PROGRAMS THAT WE CAN TEACH IN YOUR CLASSROOM FROM DECEMBER THROUGH MARCH. EACH PROGRAM IS DESIGNED FOR AN ENTIRE GRADE LEVEL AT YOUR SCHOOL WITH THE TOTAL VISIT LASTING NO MORE THAN TWO HOURS (INDIVIDUAL PROGRAM TIMES VARY WITH AGE OF THE CHILDREN). TO MAKE A RESERVATION, PLEASE CALL 816-228-3766. TO PARTICIPATE YOUR SCHOOL MUST BE IN MISSOURI AND WITHIN 45 MINUTES OF BURR OAK WOODS.

You Be the Judge

Grades 5th and up

Often, conservation and natural resource issues do not have easy solutions. During this interactive program, your students will have an opportunity to examine a controversial issue as they play a role in a town council meeting. They must come to a consensus on a course of action. How will they effectively balance human want and need with the need for conservation of our natural resources. Why are these resources important? Missouri GLEs Strand 4: 1.B.a, b, c, 1.D.a,b,c

Summer Interpretive Programs

PROGRAMS ARE SCHEDULED FOR GROUPS OF 10-60 PEOPLE, TUESDAY – FRIDAY AND ON THE HOUR BETWEEN 9:00 A.M. AND 3:00 P.M. ALL THE PROGRAMS ARE 60 MINUTES IN LENGTH. CALL THE NATURE CENTER TO SCHEDULE YOUR PROGRAM BEGINNING MAY 1ST.

Seasons of Change

Preschool

The natural world is constantly changing as it moves from season to season. We will help your students discover the wonders of the present season through activities and demonstrations while we explore the outdoors on our trails.

Naturally Sense-sational

Preschool

Animals use the same five senses we do, but some use them quite differently. We will talk with some puppet friends and learn how they use their senses and then head outside to use ours! Make some exciting discoveries with your eyes, ears, nose, and hands!

Walk This Way

Preschool

Animals move in an amazing variety of ways, from slithering like a snake to soaring like a bird. With the aid of friendly puppets, we will show your students how many familiar animals move and we will try to imitate a few. We will then head outside to search for the animals of Burr Oak Woods.

Who Goes There?

Kindergarten and up

They are always out there, but we don't always see the animals that call the forests and prairies home. Join us and learn the tell-tale signs of animal activity, from tracks and scat, to sounds and homes. We'll then head outdoors in search of animal signs, and of course, the animals themselves.

Amazing Adaptations

Kindergarten and up

From webbed toes to gnawing teeth, animals have an amazing assortment of adaptations. During this program, your students will learn about adaptations and how they help both plants and animals survive, through artifacts and an outdoor walk.

Critters Close-Up

Kindergarten and up

Your students can meet several captive live reptiles and amphibians in this fun, eyeball-to-eyeball program. We'll include snakes, turtles, frogs and perhaps even a salamander!

Myths and Legends

Kindergarten and up

Owls are wise and can spin their heads in circles. . . Bats are blind and will suck your blood . . . Snakes are slimy and will chase you around your yard. . . During this program we will discuss these commonly believed animal myths and much more.

Insect-a-mania

Kindergarten and up

The study of insects is like entering a fantastic although alien new world! Your students will marvel at the incredible adaptations of these critters. We will become entomologists as we venture out onto a prairie to collect and closely examine these strange and wonderful creatures!

Missouri Snakes

Kindergarten and up

What is it about snakes that instill fear in many people? Is being so different that makes them so frightful? In this program, we will explore the life and habits of Missouri snakes and learn about their unique adaptations. You can be assured that everyone in your group will learn something new. Meet a live snake, and hopefully replace any fear with respect and a greater understanding.